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PTO-1390 (Rev. 07-2005)
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S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| TRANSMITTAL LETTER TO THE UNITED STATES | ATTORNEY'S DOCKET NUMBER |
| DESIGNATED/ELECTED OFFICE (DO/EO/US) | 101149-1P US |
| CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | U.S. ABPLICATION NO. (If known, see 87 CFR 1.5) |
| INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/GB2004/003111 19 July 2004 (19.07.2004) | PRIORITY DATE CLAIMED 21 July 2003 (21.07.2003) |
| TITLE OF INVENTION IMIDAZOL DERIVATIVES OF PIPERDINE AS HI | STAMINE ANTAGONISTS |
| APPLICANT(S) FOR DO/EO/US BURNS, Steve, et al. | |
| | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/E | |
| 1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 3 | 71. |
| 2. This is a SECOND or SUBSEQUENT submission of items concerning a submissi | on under 35 U.S.C. 371. |
| 3. This is an express request to begin national examination procedures (35 U.S.C. 3 (5), (6), (9) and (21) indicated below. | 71(f)). The submission must include items |
| 4. X The US has been elected (Article 31). | |
| 5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | |
| a. $\overline{\mathbf{X}}$ is attached hereto (required only if not communicated by the Internation | onal Bureau). |
| b. has been communicated by the International Bureau. | |
| c. is not required, as the application was filed in the United States Recei | ving Office (RO/US). |
| 6. An English language translation of the International Application as filed (35 U.S | .C. 371(c)(2)). |
| a. is attached hereto. | |
| b. has been previously submitted under 35 U.S.C. 154(d)(4). | |
| 7. Amendments to the claims of the International Application under PCT Article 19 | (35 U.S.C. 371(c)(3)) |
| a are attached hereto (required only if not communicated by the Intern | ational Bureau). |
| b. have been communicated by the International Bureau. | |
| c. have not been made; however, the time limit for making such amend | ments has NOT expired. |
| d. have not been made and will not be made. | |
| 8. An English language translation of the amendments to the claims under PCT A | rticle 19 (35 U.S.C. 371(c)(3)). |
| 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | |
| 10. An English language translation of the annexes of the International Preliminary Article 36 (35 U.S.C. 371(c)(5)). | Examination Report under PCT |
| Items 11 to 20 below concern document(s) or information included: | |
| 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

A preliminary amendment.

A substitute specification.

19. 📖

An Application Data Sheet under 37 CFR 1.76.

A power of attorney and/or change of address letter.

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| U.S. APPLICATION | NO. (if known, | | INTERNATIONAL AF PCT/GB200 | | ATTORNEY'S DOCKET NUMBER 101149-1P US | |
|--|---|--|---|-------------------------------|---------------------------------------|--------------|
| | or information | on: | | | | |
| The following | fees have b | een submitted | | | CALCULATIONS | PTO USE ONLY |
| 21. X Basic nat | onal fee (37 | CFR 1.492(a)) | ••••••••••••••••••••••••••••••••••••••• | \$300 | \$ 300.00 | |
| 22. X Examination | on fee (37 CF | R 1.492(c)) | | | | |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) | | | | \$ 200.00 | | |
| If the written opinion o IPEA/US indic Search fee (37 CFR 1 International Search R previously com | ates all claim 445(a)(2)) ha searching Aut eport prepare municated to | or the Internation is satisfy provision as been paid on the thority ed by an ISA othe the US by the IE | nal preliminary examination reports of PCT Article 33(1)-(4) | | \$ 400.00 | |
| тот. | AL OF 21, 22 | and 23 = | | | 900.00 | |
| sequence listing electronic med The fee is \$25 | ng in complia lium) (37 CFI I for each ad | nce with 37 CFR R 1.492(i)). | d in paper over 100 sheets (e: 1.821(c) or (e) or computer properties of paper or fraction thereof. | coluding rogram listing in an | | |
| Total Sheets Extr | a Sheets | | additional 50 or fraction up to a whole number) | RATE | | |
| 51 - 100 = - | 49 _{/50} = | | | × \$250 | \$ 0.00 | ,I |
| after the date of comm | encement of | the national stag | th fee, examination fee, or the le (37 CFR 1.492(h)). | oath or declaration | \$ 0.00 | |
| CLAIMS | NUMB | ER FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | | - 20 = | | × \$ 50 | \$ | |
| Independent claims | | - 3 = | | × \$200 | \$ | |
| MULTIPLE DEPENDE | NI CLAIM(S |) (if applicable) | TOTAL OF ABOVE | + \$360 | \$ | ļ <u>.</u> |
| TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. | | | \$ 900.00 | | | |
| | | | | SUBTOTAL = | \$ 900.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | \$ 900.00 | 0.00 | | |
| TOTAL NATIONAL FEE = | | | \$ 900.00 | | | |
| Fee for recording the e | | | 1.21(h)). The assignment mus \$40.00 per property | st be accompanied + | \$ | 0.00 |
| | | | TOTAL F | EES ENCLOSED = | \$ | 900.00 |
| | | | | | Amount to be refunded: | \$ |
| | | | | | Amount to be charged | \$ |

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| a. 🔲 | A check in the amount of \$ to cover the above fees is enclosed. | | | | |
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| b. X | Please charge my Deposit Account No. $\underline{26-0166}$ in the amount of \$ $\underline{900.00}$ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | |
| c. 🗓 | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>26-0166</u> . A duplicate copy of this sheet is enclosed. | | | | |
| d. 🔲 | Fees are to be charged to a credit card. WARNING : Information on this form may become public. Credit card information should not be included on this form . Provide credit card information and authorization on PTO-2038. | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| | LI CORRESPONDENCE TO: ess associated with Customer Number 22466 SIGNATURE Kenneth F. Mitchell NAME 42,007 REGISTRATION NUMBER | | | | |
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